



ATTY. DOCKET NO.
PB/5-31481A
APPLICATION NO.
09/896,186
APPLICANT
LEVIN et al.
FILING DATE
JUNE 29, 2001

Confirmation No.:
9567
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1645

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
AM	AB	EP1033405 A2	9/6/00	EPO	C12N	15/29	<input type="checkbox"/> <input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AM	AC	Alexandrov et al., GSN Accession No. AAC51089, European Bioinformatics Institute [online], Retrieved from URL: < http://www2.ebi.ac.uk/ >, (October 18, 2000)
AM	AD	Berthome et al., <i>Expression of a yeast Rnase III gene in transgenic tobacco silences host nitrite reductase genes</i> <i>Plant Molecular Biology</i> , Vol. 43 (2000), pp. 53-60
AM	AE	Bevan et al., EMBL Accession No. Q9SVM6, European Bioinformatics Institute [online], Retrieved from URL: < http://srs6.ebi.ac.uk/ >, (May 1, 2000).
	AF	Hartung et al., <i>Molecular characterization of RecQ homologues in Arabidopsis thaliana</i> <i>Nucleic Acids Research</i> , Vol. 28, No. 21 (2000) pp. 4275-4282
AM	AG	Hartung et al., TREMBL Accession No. Q9FT68, European Bioinformatics Institute [online], Retrieved from URL: < http://srs6.ebi.ac.uk/ >, (March 1, 2001)
AM	AH	Kooter et al., <i>Listening to the silent genes: transgene silencing, gene regulation and pathogen control</i> <i>Trends in Plant Science</i> , Vol. 4, No. 9 (September 1999), pp. 340-347
AM	AI	Morel, J.B. and Vaucheret, H., <i>Post-transcriptional gene silencing mutants</i> <i>Plant Molecular Biology</i> , Vol. 43 (2000), pp. 275-284

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AP						<input type="checkbox"/>	<input type="checkbox"/>
AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>AM</i>	AR	Genbank Accession No. CAB36851, National Center for Biotechnology Information [online], [Retrieved May 5, 2000], Retrieved from www.ncbi.nlm.nih.gov , Bevan et al., (August 18, 1999).
<i>AM</i>	AS	Genbank Accession No. AAC63361, National Center for Biotechnology Information [online], [Retrieved February 7, 2000], Retrieved from www.ncbi.nlm.nih.gov , Paeper et al, (October 8, 1998).
<i>AM</i>	AT	Ketting et al., "Transposon silencing in <i>C. elegans</i> ," International Worm Meeting (Abstract 15), (1999)

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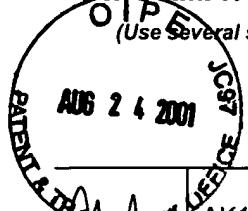
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AM	AU	Tabara et al., "The <i>rde-1</i> Gene, RNA Interference, and Transposon Silencing in <i>C. elegans</i> ", Cell, Vol. 99, Pages 123-132, (October 15, 1999)
	AV	Ketting et al., "A genetic link between co-suppression and RNA interference in <i>C. elegans</i> ", Nature, Vol. 404, Pages 296-298, (March 16, 2000)
	AW	Ketting et al., "mut-7 of <i>C. elegans</i> , Required for Transposon Silencing and RNA Interference, Is a Homolog of Werner Syndrome Helicase and RNaseD", Cell, Vol. 99, Pages 133-141, (October 15, 1999)
	AX	Mushegian et al., "Positionally cloned human disease genes: Patterns of evolutionary conservation and functional motifs", Proc. Natl. Acad. Sci. (USA), Vol. 94, Pages 5831-5836, (May 1997)
	AY	Waterhouse et al., "Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA", Proc. Natl. Acad. Sci. (USA), Vol. 95, Pages 13959-13964, (November 1998)
	AZ	Hartung et al., "Molecular characterization of RecQ homologues in <i>Arabidopsis thaliana</i> ", Nucleic Acids Research, Vol. 28(21), Pages 4275-4282, (2000)
	AA1	Amedeo et al., "Disruption of the plant gene <i>MOM</i> releases transcriptional silencing of methylated genes", Nature, Vol. 405, Pages 203-206, (May 11, 2000)
	AB1	Moser et al., "The proofreading domain of <i>Escherichia coli</i> DNA polymerase I and other DNA and/or RNA exonuclease domains", Nucleic Acids Research, Vol. 25(24), Pages 5110-5118, (1997)
	ACT	Mian, I. Saira, "Comparative sequence analysis of ribonucleases HII, III, II, PH and D", Nucleic Acids Research, Vol. 25(16), Pages 3187-3195, (1997)
	AD1	Lin, Rueyling and Avery, Leon, "Policing rogue genes", Nature, Vol. 402, Pages 128-129, (November 11, 1999)
	AE1	Zuo, Yuhong and Deutscher, Murray P., "Exoribonuclease superfamilies: structural analysis and phylogenetic distribution", Nucleic Acids Research, Vol. 29(5), Pages 1017-1026, (January 4, 2001)
	AF1	Suzuki et al., "Werner syndrome helicase contains a 5'-3' exonuclease activity that digests DNA and RNA strands in DNA/DNA and RNA/DNA duplexes dependent on unwinding," Nucleic Acids Research, Vol. 27:2361-2368 (1999).
	AG1	Kamath-Loeb, et al., "Werner syndrome protein," J. Biol. Chem. 273:34145-150 (December 18, 1998).
	AH1	Meins, Frederick, Jr., "RNA degradation and models for post-transcriptional gene silencing," Plant Mol. Biol. 43:261-273 (2000).
↓	AI1	Dehio and Schell, "Identification of plant genetic loci involved in a post-transcriptional mechanism for meiotically reversible transgene silencing," Proc. Natl. Acad. Sci. (USA) 91:5538-42 (June 1994).
AM	AJ1	Huang, et al., "The premature ageing syndrome protein, WRN, is a 3'-5' exonuclease," Nature Genetics 20:114-116 (Oct. 1998).

Ashley Meeks 1/11/03

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	AK1	Elmayan, et al., "Arabidopsis mutants impaired in cosuppression," The Plant Cell 10:1747-1757 (October 1998).
AM	AL1	Genbank Accession No. AAC42241, National Center for Biotechnology Information [online], [Retrieved August 21, 2001], Retrieved from www.ncbi.nlm.nih.gov , Lin, et al., (April 5, 2000).
AM	AM1	Genbank Accession No. BAB11227, National Center for Biotechnology Information [online] [Retrieved August 21, 2001], Retrieved from www.ncbi.nlm.nih.gov , Asamizu, et a., (December 27, 2000).

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